

www.elsevier.com/locate/apsusc

Author Index

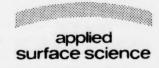
Bague, V., see Huntz, A.M.	207 (2003) 255	El-Samanoudy, M.M., Modified Poole-Frenkel	
Bang, KH., DK. Hwang and JM. Myoung,		mechanisms in Ge ₂₅ Bi _x Sb _{15-x} S ₆₀ thin films	207 (2003) 219
Effects of ZnO buffer layer thickness		En Naciri, A., see Johann, L.	207 (2003) 300
on properties of ZnO thin films depo-		Erel, Ş., see Çetinkara, H.A.	207 (2003) 190
sited by radio-frequency magnetron sputte-			
ring	207 (2003) 359	Fei, Y.J., see Li, C.	207 (2003) 169
Beauplé, G., see Huntz, A.M.	207 (2003) 255	Feng, J.Y., see Wang, R.N.	207 (2003) 139
Bian, C., see Li, X.	207 (2003) 378	Feng, K., see Li, C.	207 (2003) 169
Broch, L., see Johann, L.	207 (2003) 300	Feng, K.C., see Li, C.	207 (2003) 169
Buck, V., see Zhang, G.F.	207 (2003) 121	Ferro, G., see Younes, G.	207 (2003) 200
Buscail, H., see Cueff, R.	207 (2003) 246		
		García-Moreno, I., see Costela, A.	207 (2003) 86
Caballero, O., see Costela, A.	207 (2003) 86	Ghambaja, J., see Johann, L.	207 (2003) 300
Caldararu, M., G. Postole, M. Carata, C.		Gómez, C., see Costela, A.	207 (2003) 86
Hornoiu, N.I. Ionescu, T. Ioujakova and		Groening, P., see Collaud Coen, M.	207 (2003) 276
A. Redey, Adsorption on transition		Günther, D., see Horn, I.	207 (2003) 144
aluminas from in situ capacitance measure-		Gupta, S.C., see Radhakrishnan, J.K.	207 (2003) 33
ments	207 (2003) 318		
Carata, M., see Caldararu, M.	207 (2003) 318	Hatta, A., see Tanabe, T.	207 (2003) 115
Caudron, E., see Cueff, R.	207 (2003) 246	Haut, C., see Huntz, A.M.	207 (2003) 255
Çetinkara, H.A., A. Türüt, D.M. Zengin and S.		He, J., see Li, X.	207 (2003) 378
Erel, The energy distribution of the interface		Hirano, T., see Hiratani, M.	207 (2003) 13
state density of Pb/p-Si Schottky contacts		Hiratani, M., M. Kadoshima, T. Hirano, Y.	
exposed to clean room air	207 (2003) 190	Shimamoto, Y. Matsui, T. Nabatame, K.	
Chan, H.L.W., see Tang, X.G.	207 (2003) 63	Torii and S. Kimura, Ultra-thin titanium	
Chen, CY., see Lee, YL.	207 (2003) 51	oxide film with a rutile-type structure	207 (2003) 13
Chen, W., see Li, X.	207 (2003) 378	Hironaka, Y., see Kishimura, H.	207 (2003) 314
Chevolleau, T., see Vinnichenko, M.V.	207 (2003) 176	Hong, R.J., X. Jiang, B. Szyszka, V. Sittinger	
Collaud Coen, M., R. Lehmann, P. Groening and		and A. Pflug, Studies on ZnO:Al thin films	
L. Schlapbach, Modification of the micro-		deposited by in-line reactive mid-frequency	
and nanotopography of several polymers by		magnetron sputtering	207 (2003) 341
plasma treatments	207 (2003) 276	Horn, I., and D. Günther, The influence of	
Costela, A., I. García-Moreno, C. Gómez, O.		ablation carrier gasses Ar, He and Ne on	
Caballero and R. Sastre, Cleaning graffitis		the particle size distribution and transport	
on urban buildings by use of second and		efficiencies of laser ablation-induced aero-	
third harmonic wavelength of a Nd:YAG		sols: implications for LA-ICP-MS	207 (2003) 144
laser: a comparative study	207 (2003) 86	Hornoiu, C., see Caldararu, M.	207 (2003) 318
Cueff, R., H. Buscail, E. Caudron, C. Issartel and		Huang, J., see Lu, J.	207 (2003) 295
F. Riffard, Oxidation behaviour of Kanthal		Huang, Y., see Wang, R.N.	207 (2003) 139
A1 and Kanthal AF at 1173 K: effect of		Huntz, A.M., V. Bague, G. Beauplé, C. Haut, C.	
yttrium alloying addition	207 (2003) 246	Sévérac, P. Lecour, X. Longaygue and F.	
		Ropital, Effect of silicon on the oxidation	
Dazord, J., see Younes, G.	207 (2003) 200	resistance of 9% Cr steels	207 (2003) 255
de Sánchez, S.R., see López, D.A.	207 (2003) 69	Hussain, O.M., see Ramana, C.V.	207 (2003) 135
Demange, V., see Johann, L.	207 (2003) 300	Hwang, DK., see Bang, KH.	207 (2003) 359
Ding, A.L., see Tang, X.G.	207 (2003) 63		
Dmytrzyk, J., see Kotarba, A.	207 (2003) 327	Ikryannikova, L.N., G.L. Markaryan, A.N.	
Dubois, J.M., see Johann, L.	207 (2003) 300	Kharlanov and E.V. Lunina, Electron-	

accepting surface properties of ceria-(pra-		Liu, X., see Ying, M.	207 (2003) 227
seodymia)-zirconia solids modified by Y ³⁺		Longaygue, X., see Huntz, A.M.	207 (2003) 255
or La ³⁺ studied by paramagnetic probe		López, D.A., W.H. Schreiner, S.R. de Sánchez	
method	207 (2003) 100	and S.N. Simison, The influence of carbon	
Ionescu, N.I., see Caldararu, M.	207 (2003) 318	steel microstructure on corrosion layers. An	
Ioujakova, T., see Caldararu, M.	207 (2003) 318	XPS and SEM characterization	207 (2003) 69
Ishibashi, T., see Tanabe, T.	207 (2003) 115	Lu, J., Z. Ye, J. Huang, L. Wang and B. Zhao,	
Issartel, C., see Cueff, R.	207 (2003) 246	Synthesis and properties of ZnO films with	
	5	(1 0 0) orientation by SS-CVD	207 (2003) 295
Jacquier, C., see Younes, G.	207 (2003) 200	Lu, Q., see Ying, M.	207 (2003) 227
Jiang, X., see Hong, R.J.	207 (2003) 341	Lunina, E.V., see Ikryannikova, L.N.	207 (2003) 100
Jiang, Z., see Zhao, C.	207 (2003) 6		
Jinesh, K.B., C. Sudha Kartha and K.P. Vijaya-		Machizaud, F., see Johann, L.	207 (2003) 300
kumar, Role of excess cadmium in the elec-		Magyar, J., A. Sklyarov, K. Mikaylichenko and	
trical properties of devices made of		V. Yakovlev, Silicon dioxide thin film	
chemically deposited nano-CdS	207 (2003) 26	removal using high-power nanosecond	
Johann, L., A. En Naciri, L. Broch, V. Demange,		lasers	207 (2003) 306
J. Ghambaja, F. Machizaud and J.M. Dubois,		Maitz, M.F., see Vinnichenko, M.V.	207 (2003) 176
Spectroscopic ellipsometric characterization		Marinček, M., see Strlič, M.	207 (2003) 236
of approximant thin films of Al-Cr-Fe	207 (2003) 300	Markaryan, G.L., see Ikryannikova, L.N.	207 (2003) 100
Julien, C.M., see Ramana, C.V.	207 (2003) 135	Matsui, Y., see Hiratani, M.	207 (2003) 13
		Mikaylichenko, K., see Magyar, J.	207 (2003) 306
Kadoshima, M., see Hiratani, M.	207 (2003) 13	Mikolajick, T., see Shin, PK.	207 (2003) 351
Kharlanov, A.N., see Ikryannikova, L.N.	207 (2003) 100	Mitchell, K.A.R., see Susac, D.	207 (2003) 40
Kimura, S., see Hiratani, M.	207 (2003) 13	Monteil, Y., see Younes, G.	207 (2003) 200
Kishimura, H., A. Yazaki, Y. Hironaka, K.G.		Myoung, JM., see Bang, KH.	207 (2003) 359
Nakamura and Ki. Kondo, Lattice defor-			
mation in laser-irradiated silicon crystal stu-		Nabatame, T., see Hiratani, M.	207 (2003) 13
died by picosecond X-ray diffraction	207 (2003) 314	Nakamura, K.G., see Kishimura, H.	207 (2003) 314
Kolar, J., see Strlič, M.	207 (2003) 236	Nam, K.S., see Wang, L.	207 (2003) 372
Kondo, Ki., see Kishimura, H.	207 (2003) 314	Nieszporek, K., The application of NIAS	
Kotarba, A., J. Dmytrzyk, W. Raróg-Pilecka and		approach to describe enthalpic effects	
Z. Kowalczyk, Surface heterogeneity and		accompanying mixed-gas adsorption	207 (2003) 208
ionization of Cs promoter in carbon-based			
ruthenium catalyst for ammonia synthesis	207 (2003) 327	Pan, F., see Zhao, B.	207 (2003) 334
Kovač, J., A. Zalar and B. Praček, Quantification		Pflug, A., see Hong, R.J.	207 (2003) 341
of AES depth profiles by the MRI model	207 (2003) 128	Pham, M.T., see Vinnichenko, M.V.	207 (2003) 176
Kowalczyk, Z., see Kotarba, A.	207 (2003) 327	Pinto, R., see Ramana, C.V.	207 (2003) 135
Kubo, K., see Tanabe, T.	207 (2003) 115	Poperenko, L.V., see Vinnichenko, M.V.	207 (2003) 176
Kwon, M.S., and J.Y. Lee, Thermodynamic		Postole, G., see Caldararu, M.	207 (2003) 318
equilibrium calculation of Cu(s)-Cl ₂ (g)		Praček, B., see Kovač, J.	207 (2003) 128
reaction	207 (2003) 158		
Kwon, S.C., see Wang, L.	207 (2003) 372	Radhakrishnan, J.K., S. Sitharaman and S.C. Gupta, Surface morphology of Hg _{0.8} Cd _{0.2} Te	
Lecour, P., see Huntz, A.M.	207 (2003) 255	epilayers grown by LPE using horizontal	
Lee, J.Y., see Kwon, M.S.	207 (2003) 158	slider	207 (2003) 33
Lee, YL., and CY. Chen, Surface wettability		Ramana, C.V., O.M. Hussain, R. Pinto and C.M.	
and platelet adhesion studies on Langmuir-		Julien, Microstructural features of pulsed-	
Blodgett films	207 (2003) 51	laser deposited V ₂ O ₅ thin films	207 (2003) 135
Lehmann, R., see Collaud Coen, M.	207 (2003) 276	Raróg-Pilecka, W., see Kotarba, A.	207 (2003) 327
Li, C., K.C. Feng, Y.J. Fei, H.T. Yuan, Y.Y.		Redey, A., see Caldararu, M.	207 (2003) 318
Xiong and K. Feng, The influence of C ₆₀		Riffard, F., see Cueff, R.	207 (2003) 246
as intermediate on the diamond nucleation		Ropital, F., see Huntz, A.M.	207 (2003) 255
on copper substrate in HFCVD	207 (2003) 169		
Li, D.M., see Zhao, B.	207 (2003) 334	Sacher, E., see Yang, DQ.	207 (2003) 1
Li, X., C. Bian, W. Chen, J. He, Z. Wang, N. Xu		Sastre, R., see Costela, A.	207 (2003) 86
and G. Xue, Polyaniline on surface modifi-		Schlapbach, L., see Collaud Coen, M.	207 (2003) 276
cation of diatomite: a novel way to obtain		Schreiner, W.H., see López, D.A.	207 (2003) 69
conducting diatomite fillers	207 (2003) 378	Šelih, VS., see Strlič, M.	207 (2003) 236
Liu, C., see Zhong, Z.	207 (2003) 183	Sévérac, C., see Huntz, A.M.	207 (2003) 255

Shi, D., see Zhong, Z. Shimamoto, Y., see Hiratani, M. Shin, PK., and T. Mikolajick, H ⁺ , Na ⁺ , and K ⁺	207 (2003) 183 207 (2003) 13	Wang, R.N., J.Y. Feng and Y. Huang, Mechan- ism about improvement of NiSi thermal stability for Ni/Pt/Si(1 1 1) bi-layered sys-	
ion sensing properties of sodium and alumi-		tem	207 (2003) 139
num coimplanted LPCVD silicon oxynitride		Wang, Z., see Li, X.	207 (2003) 378
thin films	207 (2003) 351	Watanabe, Y., and M. Tanamura, Element sen-	
Simison, S.N., see López, D.A.	207 (2003) 69	sitive atom beam etching based on projectile	
Sitharaman, S., see Radhakrishnan, J.K.	207 (2003) 33	mass	207 (2003) 287
Sittinger, V., see Hong, R.J.	207 (2003) 341		
Sklyarov, A., see Magyar, J.	207 (2003) 306	Xia, Y., see Ying, M.	207 (2003) 227
Strlič, M., J. Kolar, VS. Šelih and M. Marinček,		Xiong, Y.Y., see Li, C.	207 (2003) 169
Surface modification during Nd:YAG (1064		Xu, N., see Li, X.	207 (2003) 378
nm) pulsed laser cleaning of organic fibrous		Xue, G., see Li, X.	207 (2003) 378
materials	207 (2003) 236	Xue, Z.Y., see Zhang, D.H.	207 (2003) 20
Sudha Kartha, C., see Jinesh, K.B.	207 (2003) 26	ride, E. I., see Ending, D.II.	207 (2003) 20
Sun, X., see Susac, D.	207 (2003) 40	Yakovlev, V., see Magyar, J.	207 (2003) 306
Sun, Y., see Ying, M.	207 (2003) 227	Yang, DQ., and E. Sacher, Cu cluster adhesion	207 (2003) 300
Susac, D., X. Sun and K.A.R. Mitchell, Adsorp-	207 (2003) 227	enhancement on the modified Dow Cyclo-	
		tene surface through low energy N_2^+ beam	
tion of BTSE and γ-APS organosilanes on			207 (2002) 1
different microstructural regions of 2024-T3	207 (2002) 40	irradiation at grazing angles	207 (2003) 1
aluminum alloy	207 (2003) 40	Yazaki, A., see Kishimura, H.	207 (2003) 314
Szyszka, B., see Hong, R.J.	207 (2003) 341	Ye, Z., see Lu, J.	207 (2003) 295
		Yin, S., see Zhong, Z.	207 (2003) 183
Tan, B., K. Venkatakrishnan and K.G. Tok,		Ying, M., Y. Xia, Y. Sun, Q. Lu, M. Zhao and X.	
Selective surface texturing using femtose-		Liu, Study of the plasma produced from	
cond pulsed laser induced forward transfer	207 (2003) 365	laser ablation of a KTP crystal	207 (2003) 227
Tanabe, T., K. Kubo, T. Ishibashi, T. Wadayama		Younes, G., G. Ferro, C. Jacquier, J. Dazord and	
and A. Hatta, Investigation of the adsorption		Y. Monteil, Nature effect of the gas during	
and decomposition of Fe(CO) ₅ on fcc and		high temperature treatments of 4H-SiC sub-	
bcc iron films by infrared reflection absorp-		strates	207 (2003) 200
tion spectroscopy	207 (2003) 115	Yuan, H.T., see Li, C.	207 (2003) 169
Tanamura, M., see Watanabe, Y.	207 (2003) 287		
Tang, X.G., H.L.W. Chan and A.L. Ding, Elec-		Zalar, A., see Kovač, J.	207 (2003) 128
trical properties of (Pb _{0.76} Ca _{0.24})TiO ₃ thin		Zeng, F., see Zhao, B.	207 (2003) 334
films on LaNiO ₃ coated Si and fused quartz		Zengin, D.M., see Çetinkara, H.A.	207 (2003) 190
substrates prepared by a sol-gel process	207 (2003) 63	Zhang, D.H., Q.P. Wang and Z.Y. Xue, Photo-	
Tok, K.G., see Tan, B.	207 (2003) 365	luminescence of ZnO films excited with	
Torii, K., see Hiratani, M.	207 (2003) 13	light of different wavelength	207 (2003) 20
Türüt, A., see Çetinkara, H.A.	207 (2003) 190	Zhang, G.F., and V. Buck, A simple method to	207 (2005) 20
Turut, 11., see Çetinkuru, 11.11.	207 (2003) 170	grow textured (1 1 1) diamond thin films in a	
Venkatakrishnan, K., see Tan, B.	207 (2003) 365	hot-filament CVD system	207 (2003) 121
Vijayakumar, K.P., see Jinesh, K.B.	207 (2003) 363	Zhang, W., see Zhong, Z.	207 (2003) 121
Vinnichenko, M.V., M.T. Pham, T. Chevolleau,	207 (2003) 20	Zhao, B., D.M. Li, F. Zeng and F. Pan, Ion beam	207 (2003) 183
		induced formation of metastable alloy	
L.V. Poperenko and M.F. Maitz, In situ			
ellipsometric investigation of stainless steel		phases in Cu-Mo system during ion beam	207 (2002) 224
corrosion behavior in buffered solutions	207 (2002) 17(assisted deposition	207 (2003) 334
with amino acids	207 (2003) 176	Zhao, B., see Lu, J.	207 (2003) 295
		Zhao, C., H. Wang and Z. Jiang, Photocurrent	
Wadayama, T., see Tanabe, T.	207 (2003) 115	and photothermal current of polypyrrole	
Wang, C., see Zhong, Z.	207 (2003) 183	(PPy) film	207 (2003) 6
Wang, H., see Zhao, C.	207 (2003) 6	Zhao, M., see Ying, M.	207 (2003) 227
Wang, L., K.S. Nam and S.C. Kwon, Transmis-		Zhong, Y., see Zhong, Z.	207 (2003) 183
sion electron microscopy study of plasma		Zhong, Z., S. Yin, C. Liu, Y. Zhong, W. Zhang,	
nitriding of electroplated chromium coating	207 (2003) 372	D. Shi and C. Wang, Surface energy for	
Wang, L., see Lu, J.	207 (2003) 295	electroluminescent polymers and indium-	
Wang, Q.P., see Zhang, D.H.	207 (2003) 20	tin-oxide	207 (2003) 183



Applied Surface Science 207 (2003) IV-XI



www.elsevier.com/locate/apsusc

Subject Index

Ablation		alloying addition, R. Cueff, H. Buscail, E. Caudron, C. Issartel and F. Riffard	207 (2003) 246
Cleaning graffitis on urban buildings by use of second and third harmonic wavelength of a Nd:YAG laser: a comparative study, A. Costela, I. García-Moreno, C. Gómez, O. Caballero and R. Sastre	207 (2003) 86	Spectroscopic ellipsometric characterization of approximant thin films of Al-Cr-Fe, L. Johann, A. En Naciri, L. Broch, V. Demange, J. Ghambaja, F. Machizaud and J.M. Dubois	207 (2003) 300
The influence of ablation carrier gasses Ar, He and Ne on the particle size distribution and transport efficiencies of laser ablation-		Aluminium oxide	
induced aerosols: implications for LA- ICP-MS, I. Horn and D. Günther Study of the plasma produced from laser abla-	207 (2003) 144	Adsorption on transition aluminas from in situ capacitance measurements, M. Caldararu, G. Postole, M. Carata, C. Hornoiu, N.I.	
tion of a KTP crystal, M. Ying, Y. Xia, Y. Sun, Q. Lu, M. Zhao and X. Liu Silicon dioxide thin film removal using high-	207 (2003) 227	Ionescu, T. Ioujakova and A. Redey	207 (2003) 318
power nanosecond lasers, J. Magyar, A. Sklyarov, K. Mikaylichenko and V. Yakovlev	207 (2003) 306	Aluminium alloy	
Alkali metals		Adsorption of BTSE and γ -APS organosilanes on different microstructural regions of 2024-T3 aluminum alloy, D. Susac, X.	
Study of the plasma produced from laser ablation of a KTP crystal, M. Ying, Y. Xia, Y.		Sun and K.A.R. Mitchell	207 (2003) 40
Sun, Q. Lu, M. Zhao and X. Liu Surface heterogeneity and ionization of Cs promoter in carbon-based ruthenium cata-	207 (2003) 227	Annealing	
lyst for ammonia synthesis, A. Kotarba, J. Dmytrzyk, W. Raróg-Pilecka and Z. Kowalczyk	207 (2003) 327	Mechanism about improvement of NiSi thermal stability for Ni/Pt/Si(1 1 1) bi-layered system, R.N. Wang, J.Y. Feng and Y. Huang	207 (2003) 139
Alloys		Antimony	
Oxidation behaviour of Kanthal A1 and Kanthal AF at 1173 K: effect of yttrium alloying addition, R. Cueff, H. Buscail, E. Caudron, C. Issartel and F. Riffard	207 (2003) 246	Modified Poole–Frenkel mechanisms in $Ge_{25}Bi_xSb_{15-x}S_{60}$ thin films, M.M. El-Samanoudy	207 (2003) 219
Ion beam induced formation of metastable alloy phases in Cu-Mo system during ion	207 (2003) 240	Atomic force microscopy	
beam assisted deposition, B. Zhao, D.M. Li, F. Zeng and F. Pan	207 (2003) 334	The influence of ablation carrier gasses Ar, He and Ne on the particle size distribution and	
Aluminium		transport efficiencies of laser ablation- induced aerosols: implications for LA- ICP-MS, I. Horn and D. Günther	207 (2003) 144
Oxidation behaviour of Kanthal A1 and Kanthal AF at 1173 K: effect of yttrium		In situ ellipsometric investigation of stainless steel corrosion behavior in buffered solu-	

The influence of carbon steel microstructure on corrosion layers. An XPS and SEM char-		Cu cluster adhesion enhancement on the mod- ified Dow Cyclotene surface through low	
Carbon		Clusters	
Surface morphology of Hg _{0.8} Cd _{0.2} Te epilayers grown by LPE using horizontal slider, J.K. Radhakrishnan, S. Sitharaman and S.C. Gupta	207 (2003) 33	approximant thin films of Al-Cr-Fe, L. Johann, A. En Naciri, L. Broch, V. Demange, J. Ghambaja, F. Machizaud and J.M. Dubois	207 (2003) 300
Cadmium Tellurium		Caudron, C. Issartel and F. Riffard Spectroscopic ellipsometric characterization of	207 (2003) 246
erties of devices made of chemically deposited nano-CdS, K.B. Jinesh, C. Sudha Kartha and K.P. Vijayakumar	207 (2003) 26	Oxidation behaviour of Kanthal A1 and Kanthal AF at 1173 K: effect of yttrium alloying addition, R. Cueff, H. Buscail, E.	
Role of excess cadmium in the electrical prop-		Chromium	
Cadmium sulphide		Huang, L. Wang and B. Zhao	207 (2003) 295
The application of NIAS approach to describe enthalpic effects accompanying mixed-gas adsorption, K. Nieszporek	207 (2003) 208	HFCVD, C. Li, K.C. Feng, Y.J. Fei, H.T. Yuan, Y.Y. Xiong and K. Feng Synthesis and properties of ZnO films with (100) orientation by SS-CVD, J. Lu, Z. Ye, J.	207 (2003) 169
Cabrimetry		CVD system, G.F. Zhang and V. Buck The influence of C ₆₀ as intermediate on the diamond nucleation on copper substrate in	207 (2003) 121
Bismuth Modified Poole-Frenkel mechanisms in Ge ₂₅ Bi _x Sb _{15-x} S ₆₀ thin films, M.M. El-Samanoudy	207 (2003) 219	Chemical vapour deposition A simple method to grow textured (1 1 1) diamond thin films in a hot-filament	207 (2002) 121
	207 (2003) 51	$Ge_{25}Bi_xSb_{15-x}S_{60}$ thin films, M.M. El-Samanoudy	207 (2003) 219
Surface wettability and platelet adhesion stu- dies on Langmuir-Blodgett films, YL. Lee and CY. Chen	207 (2002) 51	Modified Poole-Frenkel mechanisms in	
Biological materials		Chalcogenide	
Mechanism about improvement of NiSi thermal stability for Ni/Pt/Si(1 1 1) bi-layered system, R.N. Wang, J.Y. Feng and Y. Huang	207 (2003) 139	lyst for ammonia synthesis, A. Kotarba, J. Dmytrzyk, W. Raróg-Pilecka and Z. Kowalczyk	207 (2003) 327
Quantification of AES depth profiles by the MRI model, J. Kovač, A. Zalar and B. Praček	207 (2003) 128	Surface heterogeneity and ionization of Cs promoter in carbon-based ruthenium cata-	
Auger electron spectroscopy		Catalysis	
Modification of the micro- and nanotopography of several polymers by plasma treatments, M. Collaud Coen, R. Lehmann, P. Groening and L. Schlapbach	207 (2003) 276	promoter in carbon-based ruthenium catalyst for ammonia synthesis, A. Kotarba, J. Dmytrzyk, W. Raróg-Pilecka and Z. Kowalczyk	207 (2003) 327
and M.F. Maitz Nature effect of the gas during high temperature treatments of 4H-SiC substrates, G. Younes, G. Ferro, C. Jacquier, J. Dazord and Y. Monteil	207 (2003) 176 207 (2003) 200	The influence of C ₆₀ as intermediate on the diamond nucleation on copper substrate in HFCVD, C. Li, K.C. Feng, Y.J. Fei, H.T. Yuan, Y.Y. Xiong and K. Feng Surface heterogeneity and ionization of Cs	207 (2003) 169
tions with amino acids, M.V. Vinnichenko, M.T. Pham, T. Chevolleau, L.V. Poperenko		acterization, D.A. López, W.H. Schreiner, S.R. de Sánchez and S.N. Simison	207 (2003) 69

energy N_2^+ beam irradiation at grazing angles, DQ. Yang and E. Sacher	207 (2003) 1	HFCVD, C. Li, K.C. Feng, Y.J. Fei, H.T. Yuan, Y.Y. Xiong and K. Feng	207 (2003) 169
Copper		Electrical properties	
Cu cluster adhesion enhancement on the modified Dow Cyclotene surface through low energy N ₂ ⁺ beam irradiation at grazing angles, DQ. Yang and E. Sacher Thermodynamic equilibrium calculation of	207 (2003) 1	Role of excess cadmium in the electrical prop- erties of devices made of chemically depos- ited nano-CdS, K.B. Jinesh, C. Sudha Kartha and K.P. Vijayakumar Mechanism about improvement of NiSi ther-	207 (2003) 26
Cu(s)-Cl ₂ (g) reaction, M.S. Kwon and J.Y. Lee The influence of C ₆₀ as intermediate on the diamond nucleation on copper substrate in	207 (2003) 158	mal stability for Ni/Pt/Si(1 1 1) bi-layered system, R.N. Wang, J.Y. Feng and Y. Huang The energy distribution of the interface state density of Pb/p-Si Schottky contacts	207 (2003) 139
HFCVD, C. Li, K.C. Feng, Y.J. Fei, H.T. Yuan, Y.Y. Xiong and K. Feng Ion beam induced formation of metastable alloy phases in Cu-Mo system during ion	207 (2003) 169	exposed to clean room air, H.A. Çetinkara, A. Türüt, D.M. Zengin and Ş. Erel Modified Poole–Frenkel mechanisms in Ge ₂₅ Bi _x Sb _{15-x} S ₆₀ thin films, M.M. El-	207 (2003) 190
beam assisted deposition, B. Zhao, D.M. Li, F. Zeng and F. Pan	207 (2003) 334	Samanoudy Adsorption on transition aluminas from in situ capacitance measurements, M. Caldararu,	207 (2003) 219
Corium		G. Postole, M. Carata, C. Hornoiu, N.I. Ionescu, T. Ioujakova and A. Redey	207 (2003) 318
Electron-accepting surface properties of ceria- (praseodymia)-zirconia solids modified by Y ³⁺ or La ³⁺ studied by paramagnetic probe method, L.N. Ikryannikova, G.L. Markar-		Electron diffraction	
yan, A.N. Kharlanov and E.V. Lunina Corrosion	207 (2003) 100	Ion beam induced formation of metastable alloy phases in Cu-Mo system during ion beam assisted deposition, B. Zhao, D.M. Li, F. Zeng and F. Pan	207 (2003) 334
The influence of carbon steel microstructure on			207 (2003) 334
corrosion layers. An XPS and SEM characterization, D.A. López, W.H. Schreiner, S.R. de Sánchez and S.N. Simison	207 (2003) 69	Electron microscopy Ultra-thin titanium oxide film with a rutile-type	
In situ ellipsometric investigation of stainless steel corrosion behavior in buffered solutions with amino acids, M.V. Vinnichenko,	207 (2003) 07	structure, M. Hiratani, M. Kadoshima, T. Hirano, Y. Shimamoto, Y. Matsui, T. Nabatame, K. Torii and S. Kimura	207 (2003) 13
M.T. Pham, T. Chevolleau, L.V. Poperenko and M.F. Maitz	207 (2003) 176	Surface morphology of Hg _{0.8} Cd _{0.2} Te epilayers grown by LPE using horizontal slider, J.K. Radhakrishnan, S. Sitharaman and S.C.	
Depth profiling		Gupta Adsorption of BTSE and γ-APS organosilanes on different microstructural regions of	207 (2003) 33
Quantification of AES depth profiles by the MRI model, J. Kovač, A. Zalar and B. Praček Mechanism about improvement of NiSi	207 (2003) 128	2024-T3 aluminum alloy, D. Susac, X. Sun and K.A.R. Mitchell Surface wettability and platelet adhesion studies on Langmuir Blodgett films, V. L. Lee	207 (2003) 40
thermal stability for Ni/Pt/Si(1 1 1) bi- layered system, R.N. Wang, J.Y. Feng and Y. Huang	207 (2003) 139	dies on Langmuir–Blodgett films, YL. Lee and CY. Chen The influence of carbon steel microstructure on corrosion layers. An XPS and SEM char-	207 (2003) 51
Diamond		acterization, D.A. López, W.H. Schreiner, S.R. de Sánchez and S.N. Simison The influence of C ₆₀ as intermediate on the	207 (2003) 69
A simple method to grow textured (1 1 1) diamond thin films in a hot-filament CVD system, G.F. Zhang and V. Buck	207 (2003) 121	diamond nucleation on copper substrate in HFCVD, C. Li, K.C. Feng, Y.J. Fei, H.T. Yuan, Y.Y. Xiong and K. Feng	207 (2002) 160
The influence of C ₆₀ as intermediate on the diamond nucleation on copper substrate in	207 (2003) 121	Spectroscopic ellipsometric characterization of approximant thin films of Al-Cr-Fe, L.	207 (2003) 169

The influence of ablation carrier gasses Ar, He and Ne on the particle size distribution and transport efficiencies of laser ablation-		Cleaning graffitis on urban buildings by use of second and third harmonic wavelength of a Nd:YAG laser: a comparative study, A.	
Helium neon argan		Laser processing	
Thermodynamic equilibrium calculation of $Cu(s)$ – $Cl_2(g)$ reaction, M.S. Kwon and J.Y. Lee	207 (2003) 158	(praseodymia)–zirconia solids modified by Y ³⁺ or La ³⁺ studied by paramagnetic probe method, L.N. Ikryannikova, G.L. Markaryan, A.N. Kharlanov and E.V. Lunina	207 (2003) 100
Halogens		Electron-accepting surface properties of ceria-	
Modified Poole–Frenkel mechanisms in $Ge_{25}Bi_xSb_{15-x}S_{60}$ thin films, M.M. El-Samanoudy	207 (2003) 219	and CY. Chen Lantanum	207 (2003) 51
Germonium		Surface wettability and platelet adhesion stu- dies on Langmuir-Blodgett films, YL. Lee	
F. Zeng and F. Pan	207 (2003) 334	Langmuir-Blodgett structures	
Ion beam induced formation of metastable alloy phases in Cu-Mo system during ion beam assisted deposition, B. Zhao, D.M. Li,		Johann, A. En Naciri, L. Broch, V. Demange, J. Ghambaja, F. Machizaud and J.M. Dubois	207 (2003) 300
Evaporation		Caudron, C. Issartel and F. Riffard Spectroscopic ellipsometric characterization of approximant thin films of Al-Cr-Fe, L.	207 (2003) 246
Thermodynamic equilibrium calculation of Cu(s)-Cl ₂ (g) reaction, M.S. Kwon and J.Y. Lee	207 (2003) 158	Oxidation behaviour of Kanthal A1 and Kanthal AF at 1173 K: effect of yttrium alloying addition, R. Cueff, H. Buscail, E.	
Etching		Iron	
Johann, A. En Naciri, L. Broch, V. Demange, J. Ghambaja, F. Machizaud and J.M. Dubois	207 (2003) 300	ified Dow Cyclotene surface through low energy N_2^+ beam irradiation at grazing angles, DQ. Yang and E. Sacher	207 (2003) 1
and M.F. Maitz Spectroscopic ellipsometric characterization of approximant thin films of Al-Cr-Fe, L.	207 (2003) 176	Ion implantation Cu cluster adhesion enhancement on the mod-	
In situ ellipsometric investigation of stainless steel corrosion behavior in buffered solutions with amino acids, M.V. Vinnichenko, M.T. Pham, T. Chevolleau, L.V. Poperenko		Ion beam induced formation of metastable alloy phases in Cu-Mo system during ion beam assisted deposition, B. Zhao, D.M. Li, F. Zeng and F. Pan	207 (2003) 334
Ellipsometry		Ion bombordment	
Ion beam induced formation of metastable alloy phases in Cu-Mo system during ion beam assisted deposition, B. Zhao, D.M. Li, F. Zeng and F. Pan	207 (2003) 334	density of Pb/p-Si Schottky contacts exposed to clean room air, H.A. Çetinkara, A. Türüt, D.M. Zengìn and Ş. Erel	207 (2003) 190
Silicon dioxide thin film removal using high- power nanosecond lasers, J. Magyar, A. Sklyarov, K. Mikaylichenko and V. Yakov- lev	207 (2003) 306	Interfaces The energy distribution of the interface state	
Johann, A. En Naciri, L. Broch, V. Demange, J. Ghambaja, F. Machizaud and J.M. Dubois	207 (2003) 300	induced aerosols: implications for LA-ICP-MS, I. Horn and D. Günther	207 (2003) 144

Costela, I. García-Moreno, C. Gómez, O. Caballero and R. Sastre	207 (2003) 86	Nanostructures	
The influence of ablation carrier gasses Ar, He and Ne on the particle size distribution and transport efficiencies of laser ablation-		Role of excess cadmium in the electrical properties of devices made of chemically depos-	
induced aerosols: implications for LA-ICP-MS, I. Horn and D. Günther Study of the plasma produced from laser abla-	207 (2003) 144	ited nano-CdS, K.B. Jinesh, C. Sudha Kartha and K.P. Vijayakumar	207 (2003) 26
tion of a KTP crystal, M. Ying, Y. Xia, Y. Sun, Q. Lu, M. Zhao and X. Liu Silicon dioxide thin film removal using high-	207 (2003) 227	Nickel	
power nanosecond lasers, J. Magyar, A. Sklyarov, K. Mikaylichenko and V. Yakovlev Lattice deformation in laser-irradiated silicon	207 (2003) 306	Mechanism about improvement of NiSi thermal stability for Ni/Pt/Si(1 1 1) bi-layered system, R.N. Wang, J.Y. Feng and Y. Huang	207 (2003) 139
crystal studied by picosecond X-ray diffrac- tion, H. Kishimura, A. Yazaki, Y. Hironaka, K.G. Nakamura and Ki. Kondo	207 (2003) 314	Nickel chrominum	
Lead silicon		Quantification of AES depth profiles by the MRI model, J. Kovač, A. Zalar and B. Praček	207 (2003) 128
The energy distribution of the interface state density of Pb/p-Si Schottky contacts		Nitrogen	
exposed to clean room air, H.A. Çetinkara, A. Türüt, D.M. Zengin and Ş. Erel	207 (2003) 190	Cu cluster adhesion enhancement on the modified Dow Cyclotene surface through low	
Luminescence		energy N ₂ ⁺ beam irradiation at grazing angles, DQ. Yang and E. Sacher Nature effect of the gas during high temperature	207 (2003) 1
Photoluminescence of ZnO films excited with light of different wavelength, D.H. Zhang, Q.P. Wang and Z.Y. Xue	207 (2003) 20	treatments of 4H-SiC substrates, G. Younes, G. Ferro, C. Jacquier, J. Dazord and Y. Monteil	207 (2003) 200
Mass spectroscopy		Optical properties	
The influence of ablation carrier gasses Ar, He and Ne on the particle size distribution and transport efficiencies of laser ablation-induced aerosols: implications for LA-ICP-MS, I. Horn and D. Günther	207 (2003) 144	Electron-accepting surface properties of ceria— (praseodymia)—zirconia solids modified by Y ³⁺ or La ³⁺ studied by paramagnetic probe method, L.N. Ikryannikova, G.L. Markaryan, A.N. Kharlanov and E.V. Lunina Synthesis and properties of ZnO films with (100)	207 (2003) 100
Mercury		orientation by SS-CVD, J. Lu, Z. Ye, J. Huang, L. Wang and B. Zhao	207 (2003) 295
Surface morphology of Hg _{0.8} Cd _{0.2} Te epilayers grown by LPE using horizontal slider, J.K. Radhakrishnan, S. Sitharaman and S.C.		Organic substances	
Gupta	207 (2003) 33	Adsorption of BTSE and γ-APS organosilanes on different microstructural regions of	
Molybdenum		2024-T3 aluminum alloy, D. Susac, X. Sun and K.A.R. Mitchell	207 (2003) 40
Ion beam induced formation of metastable alloy phases in Cu-Mo system during ion beam assisted deposition, B. Zhao, D.M. Li, F. Zeng and F. Pan	207 (2003) 334	Adsorption on transition aluminas from in situ capacitance measurements, M. Caldararu, G. Postole, M. Carata, C. Hornoiu, N.I. Ionescu, T. Ioujakova and A. Redey	207 (2003) 318
Multilayers	20, (2003) 334	Oxidation	
Quantification of AES depth profiles by the MRI		Oxidation behaviour of Kanthal A1 and	
model, J. Kovač, A. Zalar and B. Praček	207 (2003) 128	Kanthal AF at 1173 K: effect of yttrium	

alloying addition, R. Cueff, H. Buscail, E. Caudron, C. Issartel and F. Riffard	207 (2003) 246	Plasma processing	
Oxides		Cu cluster adhesion enhancement on the modified Dow Cyclotene surface through low energy N ₂ ⁺ beam irradiation at grazing	
Electron-accepting surface properties of ceria-		angles, DQ. Yang and E. Sacher Modification of the micro- and nanotopography	207 (2003) 1
(praseodymia)-zirconia solids modified by Y ³⁺ or La ³⁺ studied by paramagnetic		of several polymers by plasma treatments, M. Collaud Coen, R. Lehmann, P. Groening	
probe method, L.N. Ikryannikova, G.L. Markaryan, A.N. Kharlanov and E.V. Lunina	207 (2002) 100	and L. Schlapbach	207 (2003) 276
Study of the plasma produced from laser ablation of a KTP crystal, M. Ying, Y. Xia, Y.	207 (2003) 100	Platinam	
Sun, Q. Lu, M. Zhao and X. Liu	207 (2003) 227	Mechanism about improvement of NiSi thermal stability for Ni/Pt/Si(1 1 1) bi-layered system, R.N. Wang, J.Y. Feng and Y. Huang	207 (2003) 139
Phosphorus		Polymers	
Study of the plasma produced from laser abla-			
tion of a KTP crystal, M. Ying, Y. Xia, Y. Sun, Q. Lu, M. Zhao and X. Liu	207 (2003) 227	Cu cluster adhesion enhancement on the modified Dow Cyclotene surface through low energy N ₂ ⁺ beam irradiation at grazing	
Photoelectron spectroscopy		angles, DQ. Yang and E. Sacher Modification of the micro- and nanotopography	207 (2003) 1
		of several polymers by plasma treatments, M. Collaud Coen, R. Lehmann, P. Groening	
Cu cluster adhesion enhancement on the modified Dow Cyclotene surface through low energy N ₂ ⁺ beam irradiation at grazing		and L. Schlapbach	207 (2003) 276
angles, DQ. Yang and E. Sacher Ultra-thin titanium oxide film with a rutile-type	207 (2003) 1	Praseodymia	
structure, M. Hiratani, M. Kadoshima, T. Hirano, Y. Shimamoto, Y. Matsui, T. Nabatame, K. Torii and S. Kimura	207 (2003) 13	Electron-accepting surface properties of ceria- (praseodymia)-zirconia solids modified by Y ³⁺ or La ³⁺ studied by paramagnetic probe	
Role of excess cadmium in the electrical properties of devices made of chemically deposited nano-CdS, K.B. Jinesh, C. Sudha	207 (2003) 13	method, L.N. Ikryannikova, G.L. Markar- yan, A.N. Kharlanov and E.V. Lunina	207 (2003) 100
Kartha and K.P. Vijayakumar The influence of carbon steel microstructure on	207 (2003) 26	Raman scattering	
corrosion layers. An XPS and SEM char-		The influence of C ₆₀ as intermediate on the	
acterization, D.A. López, W.H. Schreiner, S.R. de Sánchez and S.N. Simison In situ ellipsometric investigation of stainless	207 (2003) 69	diamond nucleation on copper substrate in HFCVD, C. Li, K.C. Feng, Y.J. Fei, H.T.	
steel corrosion behavior in buffered solu- tions with amino acids, M.V. Vinnichenko,		Yuan, Y.Y. Xiong and K. Feng	207 (2003) 169
M.T. Pham, T. Chevolleau, L.V. Poperenko and M.F. Maitz	207 (2003) 176	Ruthenium	
Modification of the micro- and nanotopography of several polymers by plasma treatments,	(Surface heterogeneity and ionization of Cs	
M. Collaud Coen, R. Lehmann, P. Groening and L. Schlapbach	207 (2003) 276	promoter in carbon-based ruthenium catalyst for ammonia synthesis, A. Kotarba, J.	
Synthesis and properties of ZnO films with (100) orientation by SS-CVD, J. Lu, Z. Ye, J.	207 (2003) 270	Dmytrzyk, W. Raróg-Pilecka and Z. Kowalczyk	207 (2003) 327
Huang, L. Wang and B. Zhao Surface heterogeneity and ionization of Cs	207 (2003) 295	Schottky barrier	
promoter in carbon-based ruthenium cata- lyst for ammonia synthesis, A. Kotarba, J.		Modified Poole-Frenkel mechanisms in	
Dmytrzyk, W. Raróg-Pilecka and Z. Kowalczyk	207 (2003) 327	Ge ₂₅ Bi _x Sb _{15-x} S ₆₀ thin films, M.M. El- Samanoudy	207 (2003) 219

The energy distribution of the interface state density of Pb/p-Si Schottky contacts exposed to clean room air, H.A. Çetinkara, A. Türüt, D.M. Zengìn and Ş. Erel	207 (2003) 190	tions with amino acids, M.V. Vinnichenko, M.T. Pham, T. Chevolleau, L.V. Poperenko and M.F. Maitz	207 (2003) 176
6:1		Sulphides	
Silane			
Adsorption of BTSE and γ-APS organosilanes on different microstructural regions of 2024-T3 aluminum alloy, D. Susac, X. Sun and K.A.R. Mitchell	207 (2003) 40	Modified Poole–Frenkel mechanisms in Ge ₂₅ Bi _x Sb _{15-x} S ₆₀ thin films, M.M. El-Samanoudy	207 (2003) 219
		Surface morphology	
Silicon		Surface morphology of Hg _{0.8} Cd _{0.2} Te epilayers grown by LPE using horizontal slider, J.K.	
Mechanism about improvement of NiSi thermal stability for Ni/Pt/Si(1 1 1) bi-layered system, R.N. Wang, J.Y. Feng and Y. Huang Silicon dioxide thin film removal using high-power nanosecond lasers, J. Magyar, A.	207 (2003) 139	Radhakrishnan, S. Sitharaman and S.C. Gupta Nature effect of the gas during high temperature treatments of 4H-SiC substrates, G. Younes,	207 (2003) 33
Sklyarov, K. Mikaylichenko and V. Yakov- lev	207 (2003) 306	G. Ferro, C. Jacquier, J. Dazord and Y. Monteil	207 (2003) 200
Lattice deformation in laser-irradiated silicon crystal studied by picosecond X-ray diffrac- tion, H. Kishimura, A. Yazaki, Y. Hironaka,		Surface roughness	
K.G. Nakamura and Ki. Kondo	207 (2003) 314	Quantification of AES depth profiles by the MRI model, J. Kovač, A. Zalar and B.	
Silicon carbide		Praček	207 (2003) 128
Nature effect of the gas during high temperature treatments of 4H-SiC substrates, G. Younes, G. Ferro, C. Jacquier, J. Dazord and Y. Monteil Silicon oxide	207 (2003) 200	Thermal desorption Surface heterogeneity and ionization of Cs promoter in carbon-based ruthenium catalyst for ammonia synthesis, A. Kotarba, J. Dmytrzyk, W. Raróg-Pilecka and Z.	
		Kowalczyk	207 (2003) 327
Silicon dioxide thin film removal using high- power nanosecond lasers, J. Magyar, A. Sklyarov, K. Mikaylichenko and V. Yakov- lev	207 (2003) 306	Thin film	
	201 (2002) 200	Ultra-thin titanium oxide film with a rutile-type	
Sputter deposition		structure, M. Hiratani, M. Kadoshima, T. Hirano, Y. Shimamoto, Y. Matsui, T. Nabatame, K. Torii and S. Kimura	207 (2003) 13
Ultra-thin titanium oxide film with a rutile-type structure, M. Hiratani, M. Kadoshima, T. Hiraga, Y. Shimaranta, Y. Matari, T. Naha,		A simple method to grow textured (1 1 1) diamond thin films in a hot-filament	207 (2002) 121
Hirano, Y. Shimamoto, Y. Matsui, T. Nabatame, K. Torii and S. Kimura	207 (2003) 13	CVD system, G.F. Zhang and V. Buck The influence of C ₆₀ as intermediate on the diamond nucleation on copper substrate in	207 (2003) 121
Steel		HFCVD, C. Li, K.C. Feng, Y.J. Fei, H.T. Yuan, Y.Y. Xiong and K. Feng Synthesis and properties of ZnO films with (100)	207 (2003) 169
The influence of carbon steel microstructure on corrosion layers. An XPS and SEM characterization, D.A. López, W.H. Schreiner, S.B. do Sénebez and S.N. Simison	207 (2002) (2	orientation by SS-CVD, J. Lu, Z. Ye, J. Huang, L. Wang and B. Zhao Ion beam induced formation of metastable	207 (2003) 295
S.R. de Sánchez and S.N. Simison In situ ellipsometric investigation of stainless steel corrosion behavior in buffered solu-	207 (2003) 69	alloy phases in Cu-Mo system during ion beam assisted deposition, B. Zhao, D.M. Li, F. Zeng and F. Pan	207 (2003) 334

X-ray spectroscopy

Titanium

Study of the plasma produced from laser abla-Adsorption of BTSE and y-APS organosilanes tion of a KTP crystal, M. Ying, Y. Xia, Y. on different microstructural regions of Sun, Q. Lu, M. Zhao and X. Liu 207 (2003) 227 2024-T3 aluminum alloy, D. Susac, X. 207 (2003) 40 Sun and K.A.R. Mitchell The influence of carbon steel microstructure on Titanium oxide corrosion layers. An XPS and SEM characterization, D.A. López, W.H. Schreiner, Ultra-thin titanium oxide film with a rutile-type S.R. de Sánchez and S.N. Simison 207 (2003) 69 structure, M. Hiratani, M. Kadoshima, T. Oxidation behaviour of Kanthal A1 and Hirano, Y. Shimamoto, Y. Matsui, T. Naba-Kanthal AF at 1173 K: effect of vttrium tame, K. Torii and S. Kimura 207 (2003) 13 alloying addition, R. Cueff, H. Buscail, E. Caudron, C. Issartel and F. Riffard 207 (2003) 246 Ion beam induced formation of metastable Water alloy phases in Cu-Mo system during ion beam assisted deposition, B. Zhao, D.M. Li, Adsorption on transition aluminas from in situ F. Zeng and F. Pan 207 (2003) 334 capacitance measurements, M. Caldararu, G. Postole, M. Carata, C. Hornoiu, N.I. 207 (2003) 318 Ionescu, T. Ioujakova and A. Redey Yttrium X-ray diffraction Electron-accepting surface properties of ceria-(praseodymia)-zirconia solids modified by Y³⁺ or La³⁺ studied by paramagnetic probe Ultra-thin titanium oxide film with a rutile-type method, L.N. Ikryannikova, G.L. Markarstructure, M. Hiratani, M. Kadoshima, T. yan, A.N. Kharlanov and E.V. Lunina 207 (2003) 100 Hirano, Y. Shimamoto, Y. Matsui, T. Naba-Oxidation behaviour of Kanthal A1 and tame, K. Torii and S. Kimura 207 (2003) 13 Kanthal AF at 1173 K: effect of yttrium Mechanism about improvement of NiSi theralloying addition, R. Cueff, H. Buscail, E. mal stability for Ni/Pt/Si(1 1 1) bi-layered Caudron, C. Issartel and F. Riffard 207 (2003) 246 system, R.N. Wang, J.Y. Feng and Y. Huang 207 (2003) 139 Oxidation behaviour of Kanthal A1 and Kanthal AF at 1173 K: effect of yttrium Zinc oxide alloying addition, R. Cueff, H. Buscail, E. 207 (2003) 246 Caudron, C. Issartel and F. Riffard Photoluminescence of ZnO films excited with Synthesis and properties of ZnO films with (100) light of different wavelength, D.H. Zhang, orientation by SS-CVD, J. Lu, Z. Ye, J. O.P. Wang and Z.Y. Xue 207 (2003) 20 Huang, L. Wang and B. Zhao 207 (2003) 295 Synthesis and properties of ZnO films with (10 Lattice deformation in laser-irradiated silicon 0) orientation by SS-CVD, J. Lu, Z. Ye, J. crystal studied by picosecond X-ray diffrac-Huang, L. Wang and B. Zhao 207 (2003) 295 tion, H. Kishimura, A. Yazaki, Y. Hironaka, K.G. Nakamura and K.-i. Kondo 207 (2003) 314 Zirconium X-ray reflection Electron-accepting surface properties of ceria-(praseodymia)-zirconia solids modified by Ultra-thin titanium oxide film with a rutile-type Y³⁺ or La³⁺ studied by paramagnetic probe structure, M. Hiratani, M. Kadoshima, T. method, L.N. Ikryannikova, G.L. Markar-Hirano, Y. Shimamoto, Y. Matsui, T. Naba-207 (2003) 13 yan, A.N. Kharlanov and E.V. Lunina 207 (2003) 100 tame, K. Torii and S. Kimura